

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 distance near3 (plate\$1 electrode\$1)) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 (permittivity (dielectric adj constant)))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/28 16:03
S2	1	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 distance near3 (plate\$1 electrode\$1)) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 (permittivity (dielectric adj constant)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:04
S3	84221	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 surface near3 charg\$3) (permittivity (dielectric adj constant))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:05
S4	11	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 surface near3 charg\$3) and (permittivity (dielectric adj constant))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:06
S5	509	324/663.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:06
S6	9	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 surface near3 (potential voltage)) and (permittivity (dielectric adj constant))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:25
S7	62	(pair near3 (electrode\$1 conductor\$1)) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 surface near3 (potential voltage)) and (permittivity (dielectric adj constant))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:45
S8	427	((capacitance capacitive) near3 (sensor detector)) and (ground\$3 near3 (electrode conductor)) and ((convert\$3 adjust\$3 compensat\$3 calibrat\$3) near3 voltage)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 16:47
S9	94	S8 and ((measur\$5 sens\$3 detect\$3 determin\$4 calculat\$3) near3 (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:57

S10	0	S9 and (charge with head with (magnetoresistive))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:23
S11	0	S9 and (charge with head with (magneto adj resist\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:23
S12	0	S9 and (charge with head)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:57
S13	46	S9 and ((distance gap) near3 (electrode\$1 conductor\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:24
S14	1	(pair near3 conductor\$1) and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 (head) near3 (charge ionization potential voltage)) and (permitivity (dielectric adj constant))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:27
S15	6	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage) with (head)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permitivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56
S16	13	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3 test\$3) near3 magnetic near3 head) and ((charge voltage) with (head)) and (dielectric permitivity)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56
S17	0	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3 test\$3) near3 magnetic near3 head) and ((calculat\$3 determin\$3) near3 (dielectric permitivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:35
S18	0	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage)) and ((evaluat\$3 test\$3) near3 magnetic near3 head) and ((calculat\$3 determin\$3) near3 (dielectric permitivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:36
S19	0	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage)) and ((evaluat\$3 test\$3) near3 magnetic near3 head) and ((dielectric permitivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:36

S20	0	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage)) and ((evaluat\$3 test\$3) near3 (magneto magnetoresist\$5 magnetic) near3 head) and ((dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:37
S21	0	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage potential)) and ((evaluat\$3 test\$3) near3 (magneto magnetoresist\$5 magnetic) near3 head) and ((dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56
S22	17	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage potential)) and ((evaluat\$3 test\$3) near3 (magneto magnetoresist\$5 magnetic) near3 head)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:37
S23	68	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage) with (head surface potential)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:57
S24	6	324/661.ccls. and ((averag\$3 compensat\$3 calibrat\$3 compar\$3) near3 (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:53
S25	72	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage) with (head surface potential)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:55
S26	4	S25 not S23	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:55
S27	0	((measur\$5 sens\$3 detect\$3 determin\$5) near3 (surface stor\$3 induc\$3) near3 (charg\$3 voltage potential)) and ((evaluat\$3 test\$3) near3 (magneto magnetoresist\$5 magnetic) near3 head) and ((dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56

S28	13	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3 test\$3) near3 magnetic near3 head) and ((charge voltage) with (head)) and (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56
S29	6	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage) with (head)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:56
S30	97	S8 and ((measur\$5 sens\$3 detect\$3 determin\$4 calculat\$3) near3 (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:57
S31	0	S30 and (charge with head)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:57
S32	136	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage potential) with (head surface potential)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:58
S33	44	((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3) near3 (charge voltage potential) with (head surface)) and ((compar\$5 calibrat\$3 ratio) with (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:30
S34	316	((capacitive capacitance) near3 (sensor detector)) and ((pair two second) near3 (electrode\$1 conductor)) and ((measur\$5 sens\$3 detect\$3 determin\$4) with (permittivity dielectric) with (gap spacing separation distance))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:37
S35	172	S34 and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 ((charg\$3 near3 stor\$3) voltage))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:37
S36	354	((capacitive capacitance) near3 (sensor detector)) and ((pair two second) near3 (electrode\$1 conductor)) and ((measur\$5 sens\$3 detect\$3 determin\$4) with (permittivity dielectric) with (gap spacing separation distance))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:37

S37	196	S36 and ((measur\$5 sens\$3 detect\$3 determin\$5) near3 ((charg\$3 near3 stor\$3) voltage))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:37
S38	35	S37 and ((convert\$4 calibrat\$4 compensate\$4 calculat\$3 determin\$3 formula) with voltage with (dielectric permittivity gap spacing separation distance))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 10:38
S39	3	("4467271" "4481464").PN. OR ("5262730").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 10:59
S40	0	(ionizer with (capacitive capacitance) near3 (sens\$3 detect\$3)) and (head near3 gimbal near3 assembly)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:00
S41	0	(ionizer ionization) and ((capacitive capacitance) near3 (sens\$3 detect\$3)) and (head near3 gimbal near3 assembly)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:02
S42	0	(ionizer ionization) and ((capacitive capacitance) near3 (sens\$3 detect\$3)) and (head near3 gimbal) and (load near3 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:02
S43	4	(ionizer ionization) and ((capacitive capacitance) near3 (measur\$5 sens\$3 detect\$3)) and (head gimbal) and (load near3 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:08
S44	2	("4467271" "4481464").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:05
S45	5	(ionizer ionization) and ((capacitive capacitance) near3 (measur\$5 sens\$3 detect\$3)) and (head gimbal) and (load\$3 near3 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:10
S46	1	S45 not S43	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:09
S47	6	(ionizer ionization) and ((potential charg\$3) near3 (test\$3 evaluat\$3 measur\$5 sens\$3 detect\$3)) and (head gimbal) and (load\$3 near3 beam)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:11
S48	175	(ionizer ionization) and ((potential charg\$3) near3 (test\$3 evaluat\$3 measur\$5 sens\$3 detect\$3)) and (head gimbal) and ((capacitive capacitance) near3 (measur\$5 sens\$3 detect\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:12

S49	5	S48 and ((measur\$5 sens\$3 detect\$3 calculat\$3 determin\$4) near3 (voltage potential charge) with (permittivity dielectric))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:16
S50	81	S48 and ((measur\$5 sens\$3 detect\$3 calculat\$3 determin\$4) near3 (voltage potential charge) with (electrode\$1 conductor\$1 plate\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 11:22
S51	0	((ionize\$3 ionization) near3 magnetic near3 head\$1) and ((capacitive capacitance) near3 (sensor\$1 detector\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 11:46
S52	0	((ionize\$3 ionization) near3 (magneto magnetic MR) near3 head\$1) and ((capacitive capacitance) near3 (sensor\$1 detector\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:02
S53	192	(ionize\$3 ionization) and ((capacitive capacitance) near3 (sensor\$1 detector\$1)) and (ground with (conductor\$1 electrode\$1 plate\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:03
S54	0	S53 and (head near3 gimbal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:04
S55	10	(head near3 gimbal near3 (assembly device\$1)) and ((capacitive capacitance) near3 (sensor\$1 detector\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:05
S56	0	S55 and (ioniz\$4 ionizat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:06
S57	417	(head near3 (magnetic magneto)) and ((capacitive capacitance) near3 (sensor\$1 detector\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:06
S58	28	S57 and (ioniz\$4 ionizat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:12
S59	154	S57 and ((test\$3 evaluat\$5 determin\$4 sens\$3 detect\$3) near3 (potential charge voltage))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:14
S60	19	S59 and (ioniz\$4 ionizat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:13
S61	9	((ioniz\$4 ionizat\$4) near3 (magnetic adj head\$1))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:13

S62	96	(magnetic adj head) and ((test\$3 evaluat\$5 determin\$4 sens\$3 detect\$3 measur\$5) near3 (potential charge voltage)) and ((capacitive capacitance) near3 (sensor detector))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:15
S63	34	S62 and (permittivity dielectric)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:19
S64	28	(ioniz\$3) and (magnetic near3 head\$1) and ((capacitive capacitance) near3 (sensor detector))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:20
S65	1	S64 and "324"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:21
S66	545	(ground\$3 near3 (surface plate conductor electrode)) and ((measur\$5 sens\$3 detect\$3 determin\$4 calculat\$3) near3 (voltage potential charge)) and ((convert\$3 adjust\$3 fix\$3 compensat\$3 calibrat\$3) near3 (voltage potential charge) with (permittivity dielectric distance gap spacing separation))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:29
S67	1	S66 and (ioniz\$3 ionization) and (magnetic near3 head)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:40
S68	0	("2004/0207411").URPN.	USPAT	OR	OFF	2005/09/29 13:28
S69	8	S66 and (second near3 (permittivity dielectric)) and (second near3 (distance gap spacing separation))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 13:42

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	509	324/663.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 15:33
L2	274	1 and ((measur\$5 sens\$3 detect\$3 determin\$4 calculat\$3) near3 (permittivity dielectric distance gap spacing separation))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 15:34
L3	0	1 and ((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3 test\$3) near3 magnetic near3 head) and ((charge voltage) with (head)) and (dielectric permittivity)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/29 15:34
L4	97	1 and ((capacitive capacitance) near3 (sensor detector)) and ((measur\$5 sens\$3 detect\$3 determin\$5 evaluat\$3 test\$3) near3 (dielectric permittivity))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/29 15:34